

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	1511	gypsum with (board or wallboard or wall adj board) and (sound or acoustic\$2)	US-PGPUB; USPAT; USOCR	AND	ON	2009/11/03 10:01
L3	715	gypsum with (board or wallboard or wall adj board) same (sound or acoustic\$2)	US-PGPUB; USPAT; USOCR	AND	ON	2009/11/03 10:01
L4	526	gypsum adj (board or wallboard or wall adj board) same (sound or acoustic\$2)	US-PGPUB; USPAT; USOCR	AND	ON	2009/11/03 10:02
L5	159	gypsum adj (board or wallboard or wall adj board) same (sound or acoustic\$2) and (sound or acoustic\$2) same range	US-PGPUB; USPAT; USOCR	AND	ON	2009/11/03 10:04
L6	0	gypsum adj (board or wallboard or wall adj board) same (sound or acoustic\$2) and (sound or acoustic\$2) same range with gypsum	US-PGPUB; USPAT; USOCR	AND	ON	2009/11/03 10:04
L7	1	gypsum adj (board or wallboard or wall adj board) same (sound or acoustic\$2) and (sound or acoustic\$2) same range with calcium	US-PGPUB; USPAT; USOCR	AND	ON	2009/11/03 10:05
L8	293	gypsum adj (board or wallboard or wall adj board) with (sound or acoustic\$2) and (sound or acoustic\$2)	US-PGPUB; USPAT; USOCR	AND	ON	2009/11/03 10:37
L9	87	gypsum adj (board or wallboard or wall adj board) with (sound or acoustic\$2) and (sound or acoustic\$2) same range	US-PGPUB; USPAT; USOCR	AND	ON	2009/11/03 10:37

L11	7	gypsum adj (board or wallboard or wall adj board) with (sound or acoustic\$2) and (sound or acoustic\$2) same (weight adj percent)	US-PGPUB; USPAT; USOCR	AND	ON	2009/11/03 10:40
L15	1	gypsum with (weight adj percent) same sound	US-PGPUB; USPAT; USOCR	AND	ON	2009/11/03 10:42
L16	4	gypsum with ((weight adj percent) or "wt. percent") same (sound or acoustic\$2)	US-PGPUB; USPAT; USOCR	AND	ON	2009/11/03 10:43
L17	67	("2253059"   "20020045074"   "20020112651"   "20020139611"   "20030178250"   "20040026002"   "20040152379"   "20040241271"   "20060162839"   "3344956"   "3359146"   "3542640"   "3819388"   "3871952"   "3908062"   "3989534"   "4031285"   "4042745"   "4077809"   "4265964"   "4288263"   "4327146"   "4330589"   "4488932"   "4518652"   "4551384"   "4613627"   "4630419"   "4636444"   "4702870"   "4804688"   "4899498"   "5085929"   "5109030"   "5116671"   "5148645"   "5158612"   "5202174"   "5250578"   "5277762"   "5395438"   "5496441"   "5612385"   "5631097"   "5641584"   "5683635"   "5696174"   "5720851"   "5824148"   "5922447"   "5948157"   "6152394"   "6342284"   "6387172"   "6401414"   "6409824"   "6443258"   "6481171"   "6488761"   "6494609"   "6613424"   "6780356"   "6783587"). PN.	US-PGPUB; USPAT; USOCR	AND	ON	2009/11/03 10:44
L18	18	I17 and (sound or acoustic\$2) with gypsum	US-PGPUB; USPAT; USOCR	AND	ON	2009/11/03 10:44

S1	3	"4221599".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/24 16:46
S2	3	DD "269295"	FPRS; EPO; DERWENT	AND	ON	2008/11/24 17:55
S3	2	"20060150868"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/25 07:38
S4	43	semihydrate adj calcium adj sulfate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/12/01 09:17
S9	92	gypsum with (size adj2 distribution)	US-PGPUB; USPAT; USOCR	AND	ON	2008/12/01 09:49
S10	2	("4533528").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/01 09:49
S12	5	("3236509").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/01 09:53
S13	37	S9 and plaster	US-PGPUB; USPAT; USOCR	AND	ON	2008/12/01 09:55
S14	3	("3954492").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/01 10:26
S15	0	gb "569596"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/01 10:28

S16	19	"569596"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/01 10:28
S17	1779	(264/333).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/01 12:20
S18	255	S17 and gypsum	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/12/01 12:21
S19	246	(106/783).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/01 12:21
S20	196759	sulphur	USPAT	AND	ON	2008/12/01 16:46
S21	1165	desulphurisation	USPAT	AND	ON	2008/12/01 16:46
S22	1	("3947285").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/12/01 16:55
S23	15	deleuil adj2 michel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/12/01 16:58
S24	75	deleuil	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/12/01 16:58
S25	10	S24 and gypsum	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/12/01 16:58

S26	1779	(264/333).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/01 17:10
S27	255	S26 and gypsum	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/12/01 17:10
S28	133	S26 and (gypsum same weight)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/12/01 17:10
S29	32	S26 and (gypsum same weight same percent)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/12/01 17:12
S30	233	(gypsum same weight same percent) and ("2"\$calcine\$2 or calcination)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/12/01 17:14
S31	536	(gypsum same (weight with percent)) and (calcine\$2 or uncalcin\$2 or calcination)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/12/01 17:15
S32	158	(gypsum near20 (weight adj3 percent)) and (calcine\$2 or uncalcin\$2 or calcination)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/12/01 17:15
S33	1	("3947285").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/12/01 17:25
S34	10	("3947285").URPN.	USPAT	AND	ON	2008/12/01 17:26
S35	2	stucco with (DSG or desulfurization or desulphurization or desulphurisation)	USPAT	AND	ON	2008/12/01 17:45

S36	19	stucco same (DSG or desulfurization or desulphurization or desulphurisation)	USPAT	AND	ON	2008/12/01 17:46
S37	17	(gypsum or "natural gypsum" or "calcium sulfate dihydrate") with (stucco or "calcium sulfate hemihydrate" or "calcium sulfate semihydrate") with (weight adj2 percent)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/12/02 16:28
S38	122	"BPB PLC"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/12/02 16:49
S39	62	S38 and gypsum	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/12/02 16:49
S40	28	S39 and (weight or wt)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/12/02 16:49
S41	2	("5534059").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/02 17:21
S42	2	("5922447").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/02 17:28
S43	2	("6171388").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/02 17:29

S44	12	"2498752"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/12/02 17:31
S45	1	("3947285").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/12/02 17:40
S46	6	("2460267"   "2494403"   "3198858").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/12/02 17:40
S47	2	("3198858").URPN.	USPAT	AND	ON	2008/12/02 17:42
S48	6	("2460267"   "2494403"   "3198858").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/12/02 17:43
S49	3	("2460267").URPN.	USPAT	AND	ON	2008/12/03 07:49
S50	27	("5779786").URPN.	USPAT	AND	ON	2008/12/03 07:50
S51	67	dihydrate same hemihydrate same mixture same composition	USPAT	AND	ON	2008/12/03 08:22
S52	61	(calcium adj2 sulfate) and (dihydrate same hemihydrate same mixture same composition)	USPAT	AND	ON	2008/12/03 08:23
S53	1	("4101630").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/04 16:27
S54	66	"uncalcined gypsum"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/12/04 16:29
S55	35	"uncalcined gypsum" and dihydrate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/12/04 16:30
S56	1	"uncalcined gypsum" adj5 dihydrate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/12/04 16:31

S57	1	"9828240"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/12/04 16:32
S58	51	compress with (wallboard or plasterboard or gypsum)	US-PGPUB; USPAT; USOCR	AND	ON	2009/06/04 12:30
S59	136	compress\$3 with wallboard and wallboard with gypsum	US-PGPUB; USPAT; USOCR	AND	ON	2009/06/04 12:32
S60	103	compress\$3 with wallboard same gypsum	US-PGPUB; USPAT; USOCR	AND	ON	2009/06/04 12:33
S61	5	(US-20030114068-\$).did. or (US-4221599-\$).did. or (US-4533528-\$ or EP- 269295-\$ or DD-269295- \$).did.	US-PGPUB; USPAT; DERWENT	AND	ON	2009/06/04 15:51
S62	0	S61 and crush\$3	US-PGPUB; USPAT; USOCR	AND	ON	2009/06/04 15:51
S63	1	S61 and (crush\$3 or grind \$3)	US-PGPUB; USPAT; USOCR	AND	ON	2009/06/04 15:51
S64	139	(crush\$3 or grind\$3) same gypsum with wallboard	US-PGPUB; USPAT; USOCR	AND	ON	2009/06/04 15:54
S65	66	(crush\$3 or grind\$3) with gypsum with wallboard	US-PGPUB; USPAT; USOCR	AND	ON	2009/06/04 15:54
S66	1	(crush\$3 or grind\$3) with gypsum with wallboard with mixture	US-PGPUB; USPAT; USOCR	AND	ON	2009/06/04 15:54
S67	4	(crush\$3 or grind\$3) with gypsum with wallboard same add\$3 with mix\$4	US-PGPUB; USPAT; USOCR	AND	ON	2009/06/04 15:54
S68	1318	(crush\$3 or grind\$3) with gypsum	US-PGPUB; USPAT; USOCR	AND	ON	2009/06/04 15:56
S69	184	(crush\$3 or grind\$3) with gypsum with size	US-PGPUB; USPAT; USOCR	AND	ON	2009/06/04 15:56
S70	19	(crush\$3 or grind\$3) with gypsum with size with mixture	US-PGPUB; USPAT; USOCR	AND	ON	2009/06/04 15:56
S71	1	(crush\$3 or grind\$3) with existing with wallboard	US-PGPUB; USPAT; USOCR	AND	ON	2009/06/04 16:00
S72	58	(crush\$3 or grind\$3) with existing with wall	US-PGPUB; USPAT; USOCR	AND	ON	2009/06/04 16:03
S73	1	((WINFRIED) near2 (SPICKEMANN)).INV.	US-PGPUB; USPAT; USOCR	AND	ON	2009/06/04 16:05
S74	1	((KANE) near2 (IRONSIDE)).INV.	US-PGPUB; USPAT; USOCR	AND	ON	2009/06/04 16:05



S75	2	"0269736"	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2009/06/04 16:06
S76	2	"0269736"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/06/04 16:06
S77	4	"8707257"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/06/04 16:06
S78	44	"269736"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/06/04 16:08
S79	0	"269736"	EPO	AND	ON	2009/06/04 16:08
S80	1	"269736" with ep	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/06/04 16:09
S81	8069	(shred\$3 or waste or grind\$3 or ground or crush\$3) with gypsum	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/06/04 16:20
S82	3783	waste with gypsum	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/06/04 16:20
S83	1216	waste near2 gypsum	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/06/04 16:20

S84	8	shredd\$3 with waste near2 gypsum	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/06/04 16:20
S85	35	shredd\$3 with waste with gypsum	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/06/04 16:21
S86	23	(shredd\$3 or ground) with waste with gypsum with board	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/06/04 16:24
S87	7	(shredd\$3 or ground) with waste with gypsum with board	US-PGPUB; USPAT; USOCR	AND	ON	2009/06/04 16:24

**EAST Search History (I nterference)**

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